

AERO Design Ltd.  
2013 - 39<sup>th</sup> Ave. NE  
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA  
TCCA 24-0078  
AMF # 73-04

Product: Quick Release Cargo Basket Part #: 69810-01

Approval #: SH00-48 Serial #: 69801-04

WO #: 2006-17 Quantity: 1

Eligibility: Bell 206L / 407 Work Status: Manufactured

Remarks: Modified with open front end and lid step IAW DCL704

*I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.*

Dec 22 / 06  
Date

Jeff Clarke  
Inspector's Signature

AERO Design Ltd.  
2013 - 39<sup>th</sup> Ave. NE  
Calgary, AB, T2E 6R7

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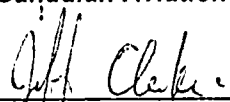
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Dec 22/06  
Date

  
Inspector's Signature

WORK ORDER 2006-17

Date opened: 21 August 2006

Project: Quick Release Cargo Basket Assembly  
Type: Bell 206L Series, 407Batch Quantity: 2 Complete Basket Assemblies (69810-01)  
Modified with Open Front End (70404)  
Modified with Lid Step (70405)Approval: SH00-48  
Drawing List: DCL698-1, DCL704


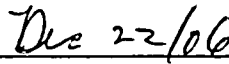
Fabrication and Assembly Drawing(s)	Description
69810, Rev. 1	Basket Ass'y
69811, Rev. 1	Basket Body Ass'y
69812, Rev. 0	Basket Lid Ass'y
36255, Rev. 1	Handle Installation
36261, Rev. 1	Handle Bar Ass'y
36262, Rev. 1	Handle Bracket Ass'y
70404, Rev. 0	Open Front End Modification
70405, Rev. 0	Lid Step Modification

Complete material tracking information on attached pages.

Work Order pre-completion Inspection:

Project is on Approval Limitation Record:	<u>Y ✓</u>
Document Control List revision level matches (or exceeds) STC:	<u>Y ✓</u>
Drawings revision levels match Document Control List:	<u>Y ✓</u>
Purchase order or Work order source is recorded for each part/ass'y:	<u>Y ✓</u>
Tests and inspections specifically called out on drawings are complete:	<u>Y ✓</u>
Release tags associated with all fabricated parts are attached:	<u>Y ✓</u>
All mounting hardware and supplies are included:	<u>Y ✓</u>

List all non-conformities raised: \_\_\_\_\_

  
Inspector Signature:  
Date:

Drawing: 69810 Revision 1  
 Assembly: 69810-01 Cargo Basket Ass'y (Quick-Release)

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
2 Total	69810-01	Cargo Basket Assembly			
1	69811-01	Basket Body Assembly	Below		
1	69812-01	Basket Lid Assembly	Below		
1	36255-01	Handle Bar Installation	Below		
1	36280-01	Brace Assembly	9-2081 Brace	5034	
1	MS20001P4	Piano Hinge		6067	
1	69827-01	Placard	3M Scotchcal Vinyl	6036	
3	49205-14	Bumper	Argus Industries Bumper	6038	
26	CR3213-4-02	Cherry Rivet		6035	
4	40088-14	Fitting	Ancra	6058	
4	AN960-616	Washer		6016	
1	AN3-15A	Bolt		6016	
1	AN3-17A	Bolt		6066	
4	AN960-10	Washer		6043	
2	AN970-3	Washer		5026	
2	MS21044N3	Nut		6016	

Processes	Per	Mat'ls Used	Inspection	Signature
Riveting	AC43.13-1B	CR3213-4-02 Rivets		<i>Jeff Clarke</i>
Final Inspection	Drawing 69810			<i>Jeff Clarke</i>

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.



Drawing: 69811 Revision 1  
 Assembly: 69811-01 Basket Body Ass'y (Quick-Release)

Qty <i>PER</i>	Part #	Description	Material	P.O./W.O.	Checked
2 Total	69811-01	Basket Body Assembly			
2	69821-01	End Hoop (Rev. 1)	4130 Steel, 1/2" x 0.035 Sqr. Tube	6026	
4	69823-02	Lug	304 Stainless Steel, 5/8" Rod	950111	
3	49210-02	Hoop	4130 Steel, 1/2" x 0.035 Sqr. Tube	6026	
2	69824-01	Rim	4130 Steel, 3/4" x 0.035 Sqr. Tube	6026	
2	49212-01	Rim	4130 Steel, 3/4" x 0.035 Sqr. Tube	6026	
4	69825-01	Spine	4130 Steel, 1/2" x 0.035 Sqr. Tube	6026	
2	69826-01	Strut	4130 Steel, 1/2" x 0.035 Sqr. Tube	6026	
1	36262-01	Handle Bracket Assembly	Below		
1	49215-01	Spacer	1018 Steel, 1/2" Rod	951108	
A/R	3/4-16F	Mesh	Expanded carbon steel	6007	

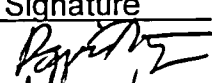


Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2		<i>[Signature]</i>
Powder Coat	Drawing 69811	po 6087		<i>[Signature]</i>
Final Inspection	Drawing 69811			<i>[Signature]</i>

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: 69812 Revision 0  
 Assembly: 69812-01 Basket Lid Ass'y (Quick-Release)

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
2 Total	69812-01	Basket Lid Assembly			
2	69824-01	Rim	4130 Steel, 3/4" x 0.035 Sqr. Tube	6026	
2	49212-01	Rim	4130 Steel, 3/4" x 0.035 Sqr. Tube	6026	
3	49213-01	Lid Brace	4130 Steel, 3/4" x 0.035 Sqr. Tube	6026	
1	49216-01	Spacer	1018 Steel, 1/2" Rod	951108	
1	36262-01	Upper Handle Bracket Assembly	Below		
1	36204-10	Placard Bracket	1018 Steel, 0.035" Sheet	9516042	
A/R	3/4-16F	Mesh	Expanded carbon steel	6007	

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2		
Powder Coat	Drawing 69812	PO 6087		
Final Inspection	Drawing 69812			

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: 36255 Revision 1  
Assembly: 36255-01 Handle Installation

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
2 Total	36255-01	Handle Installation			
1	36261-01	Handle Bar Assembly	Below		
2	36278-01	Spring (1 left, 1 right)	304 Stainless, 1/16" Dia Music Wire	5028	
2	36275-01	Bushing	SAE 660 Bronze, 5/16" Dia	6068	
2	AN3-14A	Bolt		6071	
4	AN960-10	Washer		6043	
2	MS21044N3	Nut		6016	

Processes	Per	Mat'ls Used	Inspection	Signature
Final Inspection	Drawing 36255			<i>Jeff Clark</i>

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: 36261 Revision 1  
Assembly: 36261-01 Handle Bar Assembly

Qty <i>PER</i>	Part #	Description	Material	P.O./W.O.	Checked
2 Total	36261-01	Handle Bar Assembly			
1	36277-01	Handle Bar	316 Stainless, 1.0 x 0.035 Rnd. Tube	6006	
2	36271-01	Lever	304 Stainless, 0.100 Sheet		
2	36274-01	Bushing	304 Stainless, 7/16" x 0.065 Rnd. Tube	2005	
2	36276-01	Hook	6061-T6 Aluminum, 5/16" Dia. Rod.	2009	
2	MS20470AD4-8	Rivet		6070	

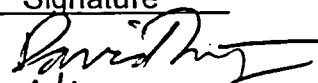

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2		<i>David</i>
Final Inspection	Drawing 36261			<i>J.H. Clarke</i>

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: 36262 Revision 1  
Assembly: 36262-01 Handle Bracket Assembly

Qty <i>PER</i>	Part #	Description	Material	P.O./W.O.	Checked
2 Total	36261-01	Handle Bracket Assembly			
1	36272-01	Basket Bracket	4130 Steel, 0.050 Sheet	2019	
2	36273-01	Lid Bracket	4130 Steel, 0.050 Sheet	2019	
2	36275-02	Support	304 Stainless, 5/16" Rod	6003	

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2		
Final Inspection	Drawing 36262			

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: 70404 Revision 0  
Assembly: 70404-01 Open Front End Modification

Qty <i>per</i>	Part #	Description	Material	P.O./W.O.	Checked
2 Total	70404-01	Open Front End Modification			
1	70404-03	Tube	4130 Steel, 1/2" x 0.035 Sqr. Tube	6026	
1	70404-04	Tube	4130 Steel, 1/2" x 0.035 Sqr. Tube	6026	
1	70404-05	Tube	4130 Steel, 1/2" x 0.035 Sqr. Tube	6026	

Note: Remainder of assembly listed on drawing 69811

Processes	Per	Mat'l's Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2		<i>Don Jh</i>
Final Inspection	Drawing 70404			<i>Jff Chk.</i>

Tag incomplete parts with Work Order # when stored between processes.

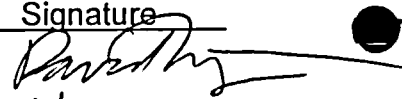
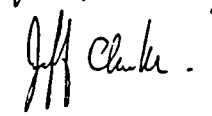
Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: 70405 Revision 0  
Assembly: 70405-01 Lid Step Modification

Qty <i>per</i>	Part #	Description	Material	P.O./W.O.	Checked
2 Total	70405-01	Lid Step Modification			
1	70405-03	Tube	4130 Steel, 3/4" x 0.035 Sqr. Tube	6026	
1	70405-04	Tread Plate	3003 Aluminum Tread Plate, 0.063"	6005	
14	CR3213-4-2	Cherry Rivet		6035	

Note: Step is installed on 3 aft bays of each lid.

Note: Remainder of assembly listed on drawing 69812

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2		
Final Inspection	Drawing 70405			

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

# DOCUMENT CONTROL LIST

DOCUMENT NO.	DOCUMENT CONTENT	REVISION
<b>FABRICATION DOCUMENTS</b>		
69810	Cargo Basket Assembly	0
69811	Basket Body Assembly	0
69812	Basket Lid Assembly	0
69821	Basket Components - End Hoop	0
69823	Basket Components - Lugs	0
69824	Basket Components - Rim	0
69825	Basket Components - Spine	0
69826	Basket Components - Strut	0
69827	Basket Components - Placard	0
49210	Basket Components - Hoops	1
49212	Basket Components - Rim	0
49213	Basket Components - Lid Brace	1
49215	Basket Components - Spacer	0
49216	Basket Components - Spacer	0
36255	Handle Assembly	1
36261	Handle Bar Assembly	1
36262	Handle Bracket Assembly	1
36271	Handle Lever	0
36272	Basket Bracket	0
36273	Lid Bracket	0
36274	Bushing	0
36275	Bushing	1
36276	Spring Hook	0
36277	Handle Bar	0
36278	Spring	1
36280, Sheet 1	Brace	2
36280, Sheet 2	Brace	2
<b>ENGINEERING DOCUMENTS</b>		
ER698.01	Engineering Report	0
<b>APPROVAL:</b>		
<div style="border: 1px solid black; padding: 5px;"> <div style="display: inline-block; text-align: center;"> <div style="font-size: small;">Transport Canada</div> <div style="font-size: small;">Transport Canada</div> </div> </div> <div style="margin-top: 10px;"> <b>AIRCRAFT CERTIFICATION DIVISION</b>  <b>APPROVED</b>  By <u>D.S. Austin</u>  App'l No. <u>SH00-48</u>  App'l Date <u>00-12-03</u>  Issue No. <u>5</u>  Issue Date <u>06-06-09</u>  <small>YY-MM-DD</small> </div>	ORIGINAL DATE: 3 May, 2006	<div style="text-align: center;"> <b>AERO DESIGN LTD.</b>  2013 - 39<sup>th</sup> Ave NE, Calgary, Alberta, T2E 6R7  Ph. (403) 250-8027  Fax. (403) 250-8333 </div>
	REVISION DATE:	
		SHEET 1 OF 1
DCL698-1		Rev.  <div style="font-size: 2em; font-weight: bold;">0</div>



# DOCUMENT CONTROL LIST

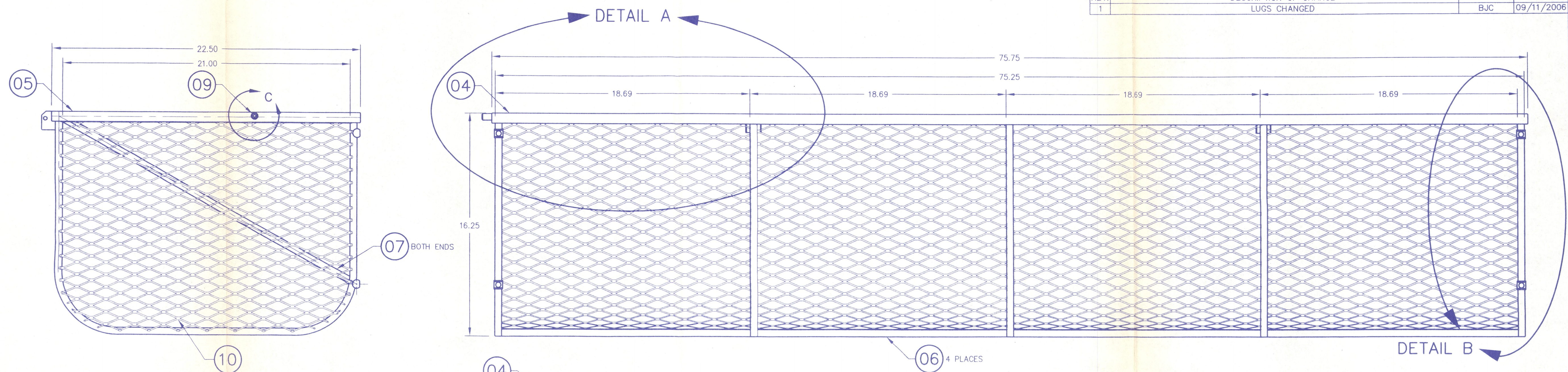
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70401	Open Forward End Modification	0
70402	Lid Door Modification	0
70403	Auxiliary Latch Modification	0
70404	Open Forward End Modification	0
70405	Lid Step Modification	0
 <b>ENGINEERING DOCUMENTS</b>		
ER704.02	Engineering Report	0
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SHEET 1 OF 1		<b>Cargo Basket Modifications</b>
<b>DCL704</b>		Rev.  <b>1</b>



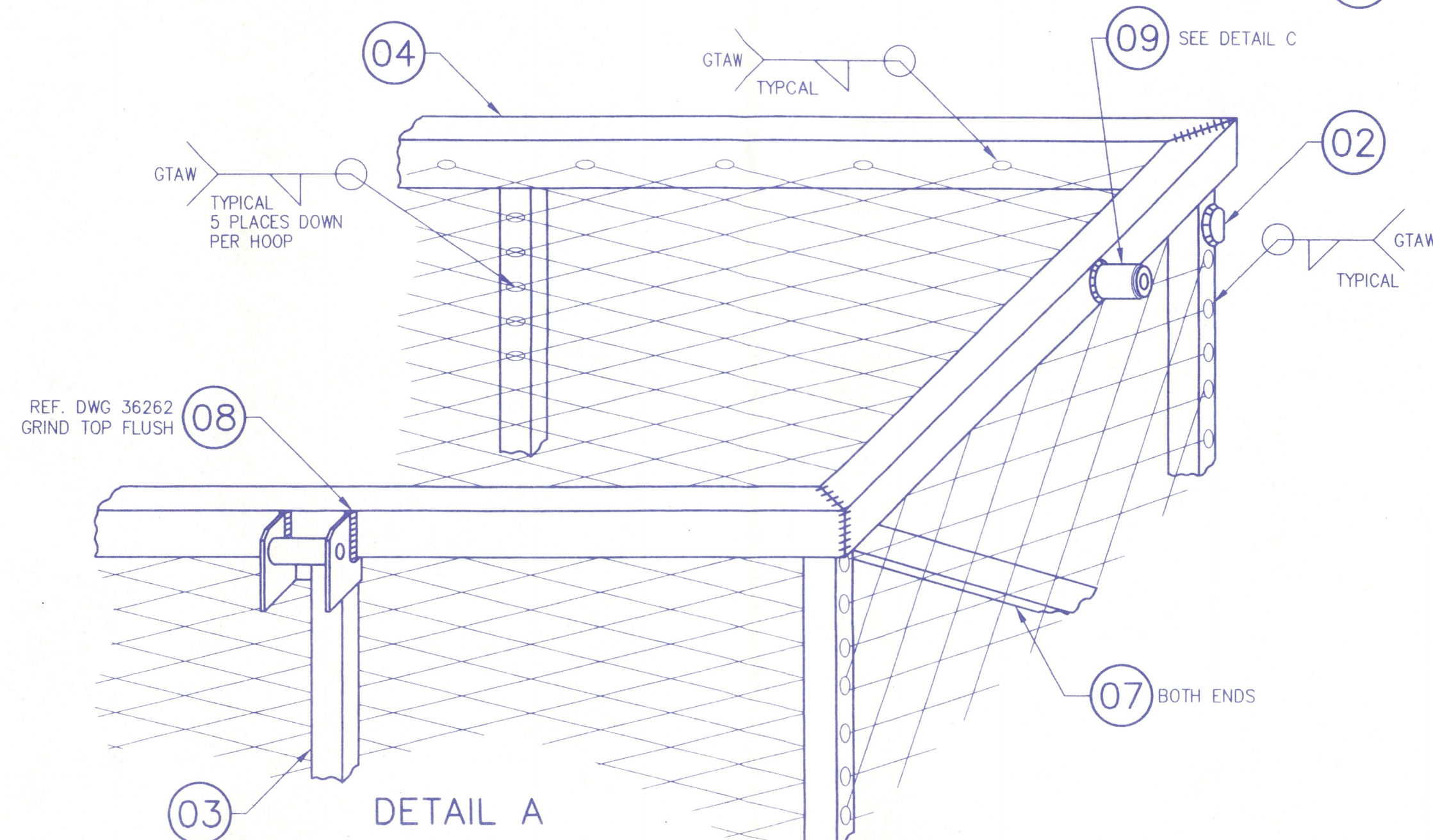
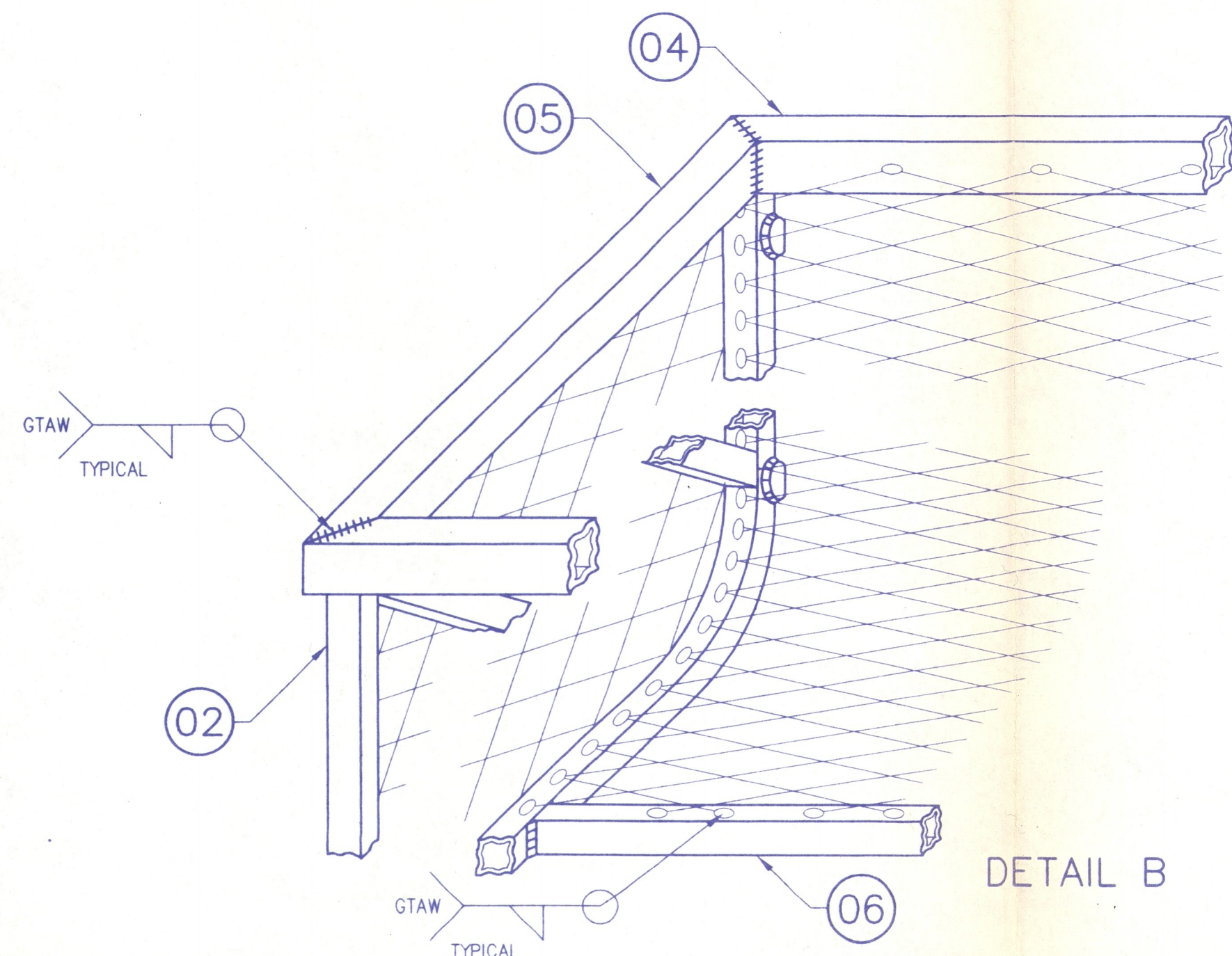
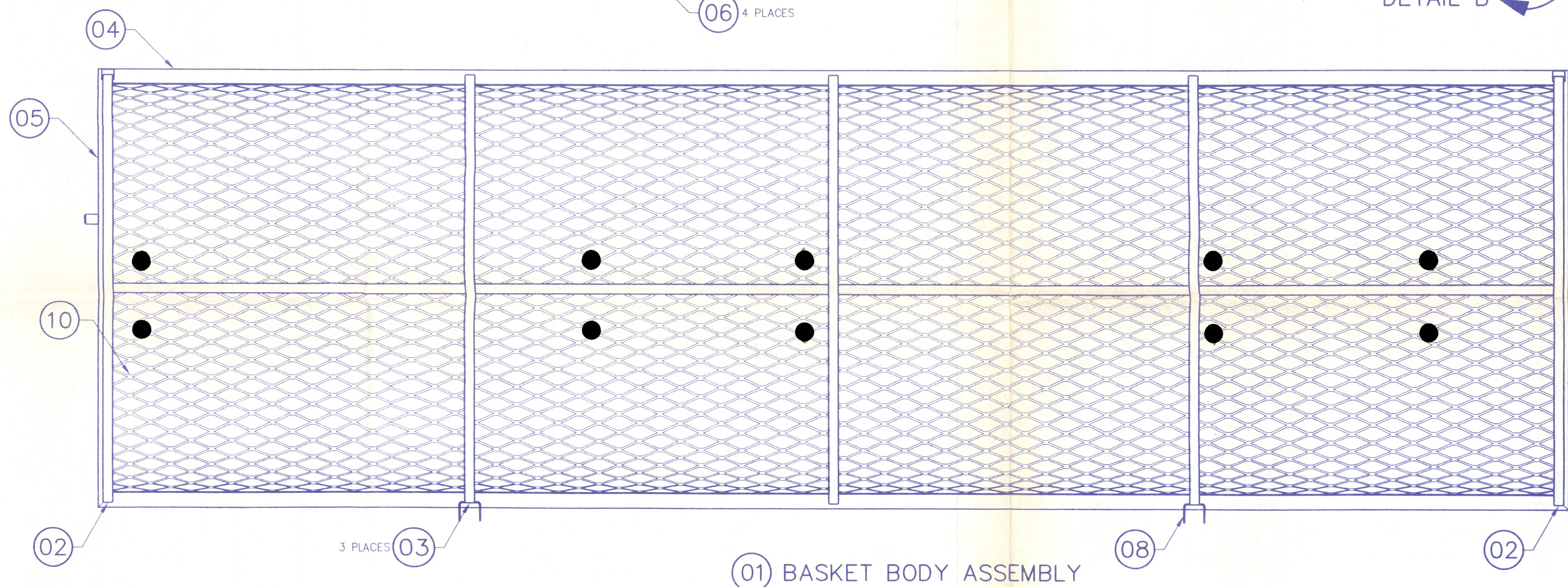
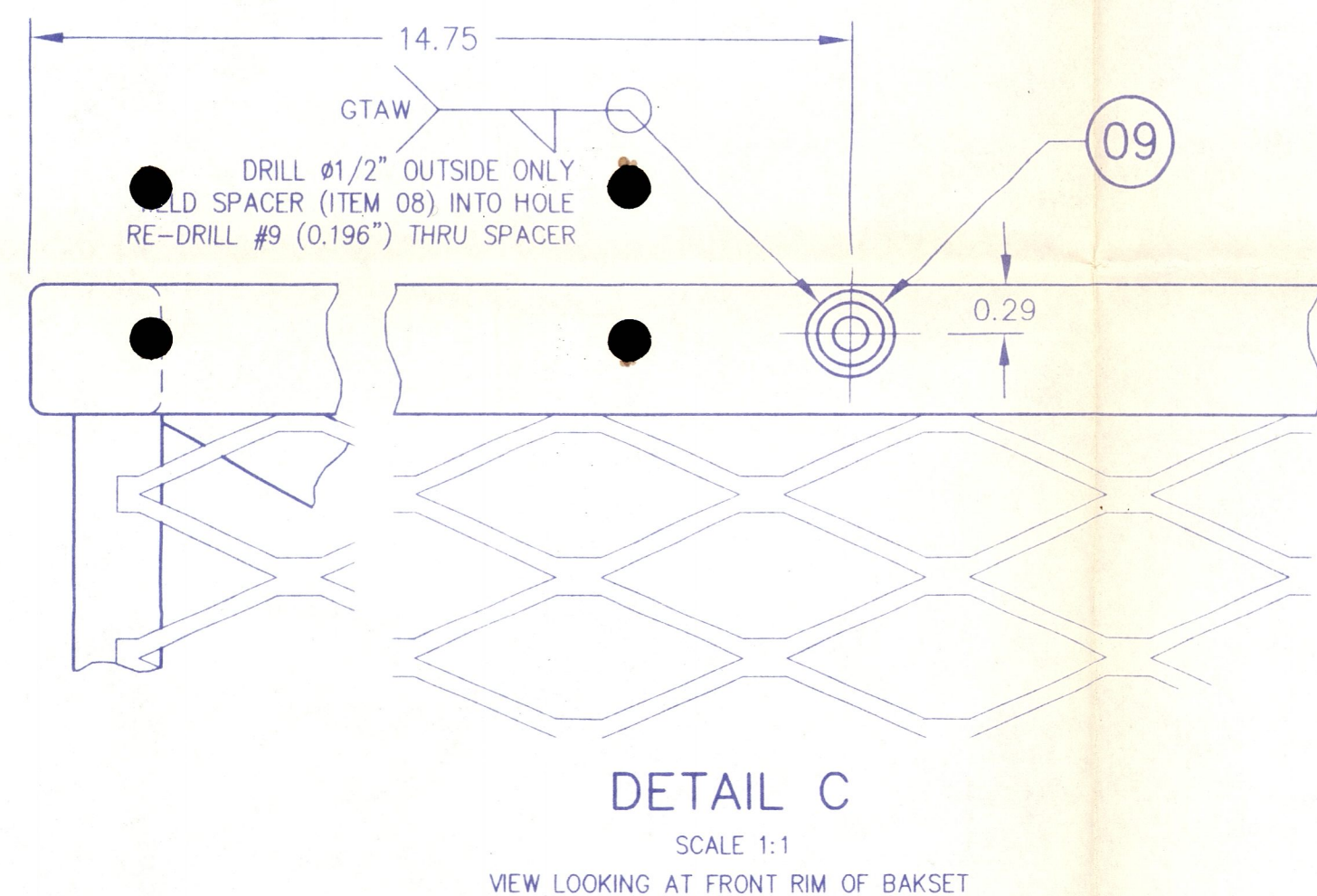
REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
1	CHANGED LUGS	BJC	09/11/2006



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REV.	DESCRIPTION OF CHANGE			INITIALS	DATE
1	LUGS CHANGED			BJC	09/11/2006



- NOTES:
1. REMOVE ALL BURRS AND BREAK SHARP EDGES
  2. WELDING OF 4130 STEEL TO BE COMPLETED BY GTAW METHOD TO AMS 2685C. WELDING ROD SHALL CONFORM TO ER70S-2 OR EQUIVALENT.
  3. WHEN ASSEMBLY IS COMPLETE, FILL ALL VENT HOLES WITH ROSETTE WELD.
  4. THOROUGHLY CLEAN AND POWDER COAT BASKET SUB-ASSEMBLIES PRIOR TO ASSEMBLY.



A/R	3/4-16F	10	MESH	STEEL	COMMERCIAL	
1	49215-01	09	SPACER			
1	36262-01	08	HANDLE BRACKET ASSEMBLY			
2	69826-01	07	STRUT			
4	69825-01	06	SPINE			
2	49212-01	05	RIM			
2	69824-01	04	RIM			
3	49210-02	03	HOOP			
2	69821-01	02	END HOOP			
	69811-01	01	BASKET BODY ASSEMBLY			
QTY	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE
LIST OF MATERIALS						
APPROVALS			DATE			
DRAWN: JEFF CLARKE			11 APR 2006			
CHECKED: E. BURGAIN						
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:			AERO DESIGN LTD. CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M 2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7 tel: (403) 250-8027 fax: (403) 250-8333 aerodesign@telusplanet.net			
DECIMALS			BELL 206L, 407			
X.XXX ±0.010			QUICK RELEASE CARGO BASKET			
X.XX ±0.03			BASKET BODY ASSEMBLY			
X.X ±0.1						
SCALE 1 : 4			DWG. SIZE		DWG. NO.	REV.
SHEET 1 OF 1			A1		69811	1

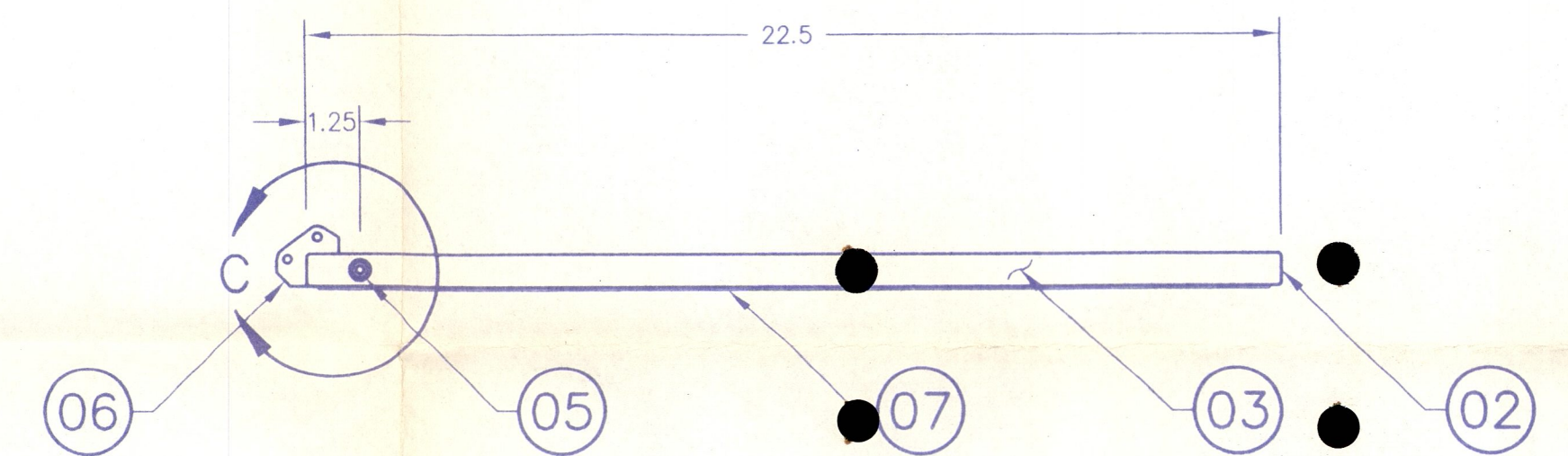
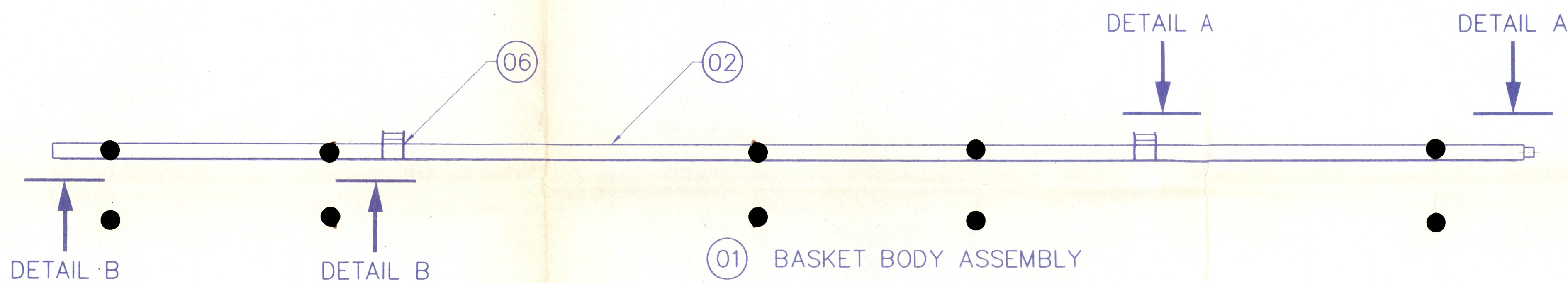
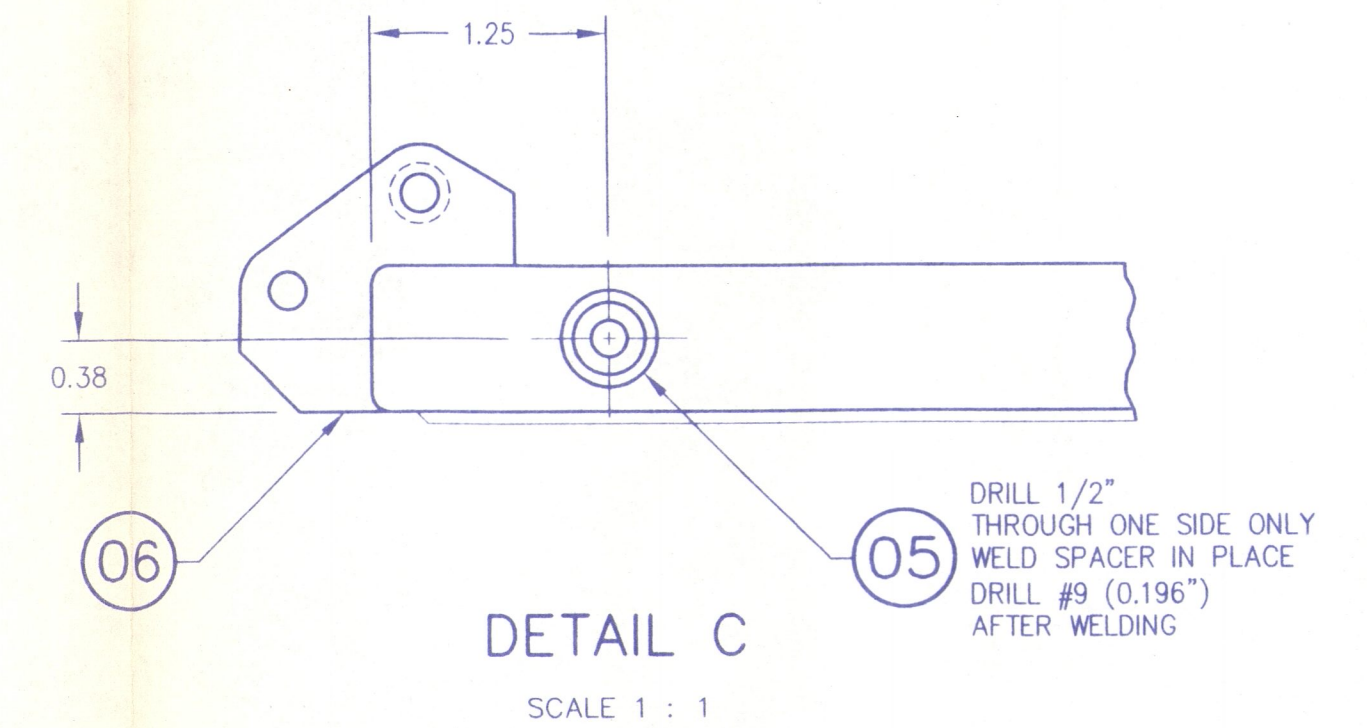
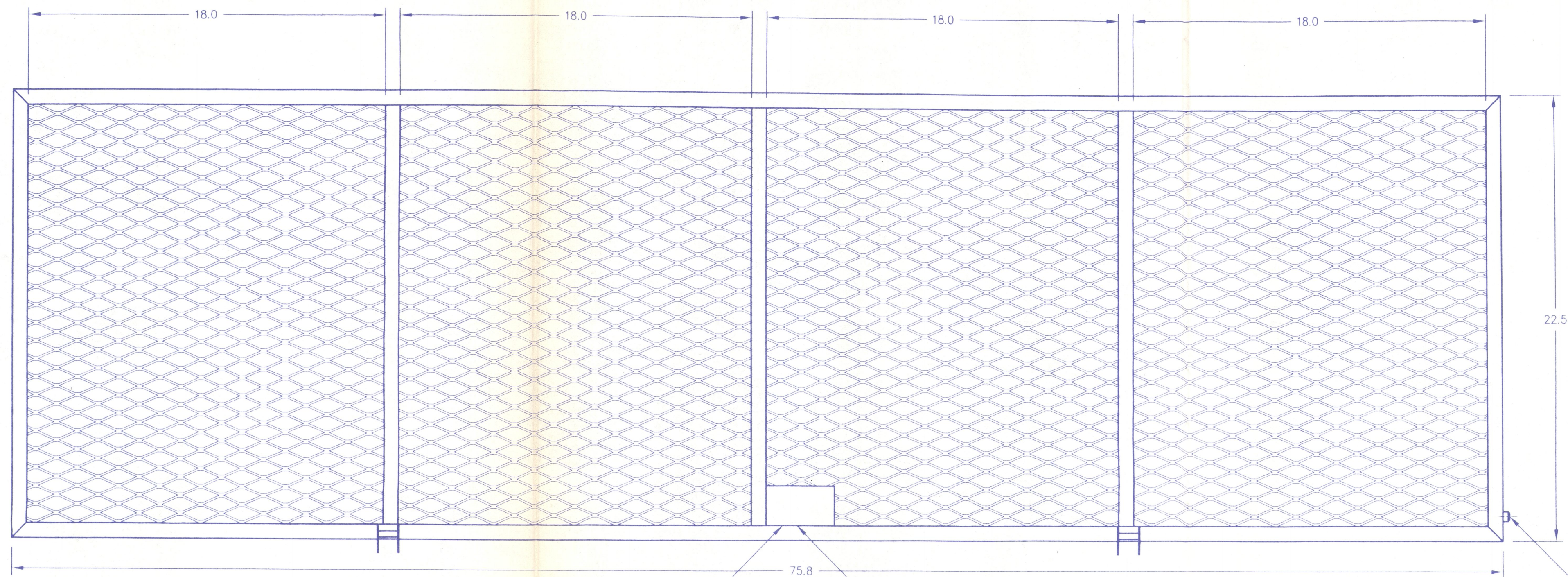
**AERO DESIGN LTD.**  
CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M  
2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7  
tel: (403) 250-8027 fax: (403) 250-8333 aerodesign@telusplanet.net

BELL 206L, 407  
QUICK RELEASE CARGO BASKET  
BASKET BODY ASSEMBLY

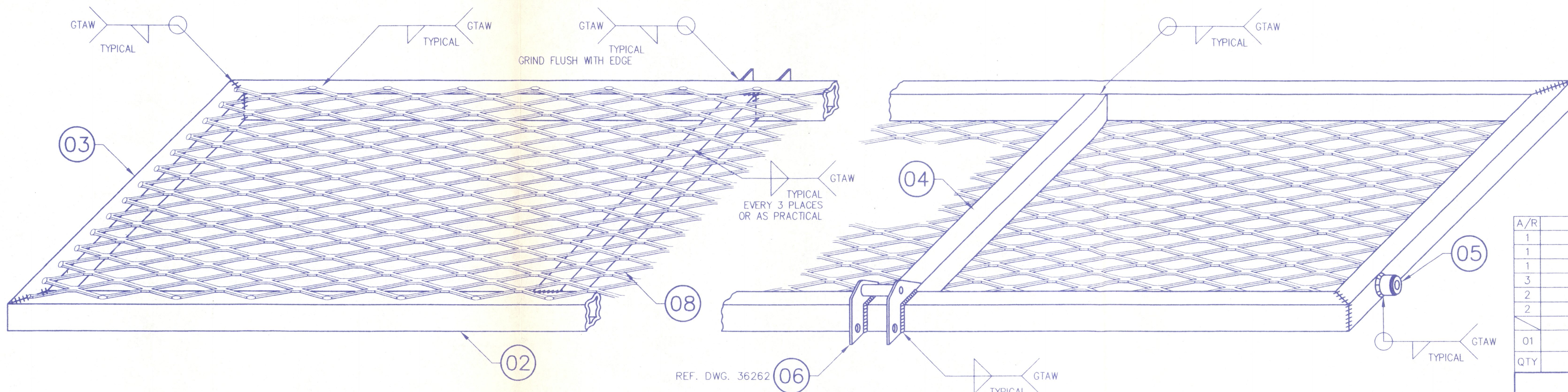


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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	*	*	*



- NOTES:
1. REMOVE ALL BURRS AND BREAK SHARP EDGES
  2. WELDING OF 4130 STEEL TO BE COMPLETED BY GTAW METHOD TO AMS 2685C. WELDING ROD SHALL CONFORM TO ER70S-2 OR EQUIVALENT.
  3. WHEN ASSEMBLY IS COMPLETE, FILL ALL VENT HOLES WITH ROSETTE WELD.
  4. THOROUGHLY CLEAN AND POWDER COAT BASKET SUB-ASSEMBLIES PRIOR TO ASSEMBLY.

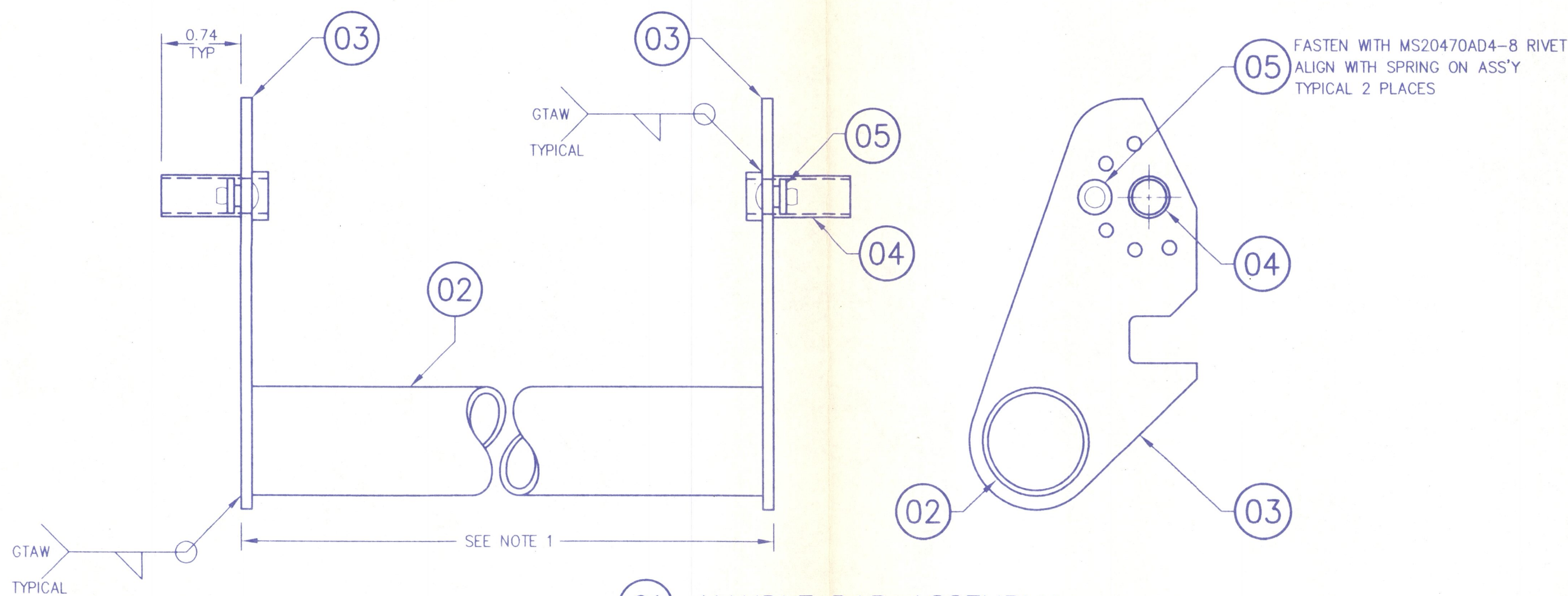


A/R	3/4-16F	08	MESH		
1	36204-10	07	PLACARD BRACKET		
1	36262-01	06	UPPER HANDLE BRACKET ASSY		
1	49216-01	05	SPACER		
3	49213-01	04	LID BRACE		
2	49212-01	03	RIM		
2	69824-01	02	RIM		
	69812-01	01	BASKET LID ASSEMBLY		
01	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC STOCK SIZE
QTY	LIST OF MATERIALS				

APPROVALS		DATE	AERO DESIGN LTD. CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M 2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7 tel: (403) 250-8027 fax: (403) 250-8333 aerodesign@telusplanet.net		
DRAWN: JEFF CLARKE		11 APR 2006			
CHECKED: E. BURGOIN			BELL 206L, 407 QUICK RELEASE CARGO BASKET BASKET LID ASSEMBLY		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:			SCALE 1 : 4	DWG. SIZE	DWG. NO.
DECIMALS ±0.010		ANGLES ±1/2"	REV.		
X.XX ±0.03			SHEET 1 OF 1		
X.X ±0.1			A1 69812 0		



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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE - CREATED FROM 36210	STF	MAR 17/03
1	LOW BASKET CONFIGURATION	STF	JUN 03/04



01 HANDLE BAR ASSEMBLY

NOTES:

1. LENGTH OF HANDLE TO BE DETERMINED AS APPROPRIATE TO BASKET TYPE.

HIGH-MOUNTED BELL 407:	62.25" (REF.)
LOW-MOUNTED BELL 206L & 407:	36.50" (REF.)
BELL 206B:	16.0" (REF.)
AEROSPATIALE AS350:	56.75" (REF.)

2. REMOVE ALL BURRS AND SHARP EDGES.

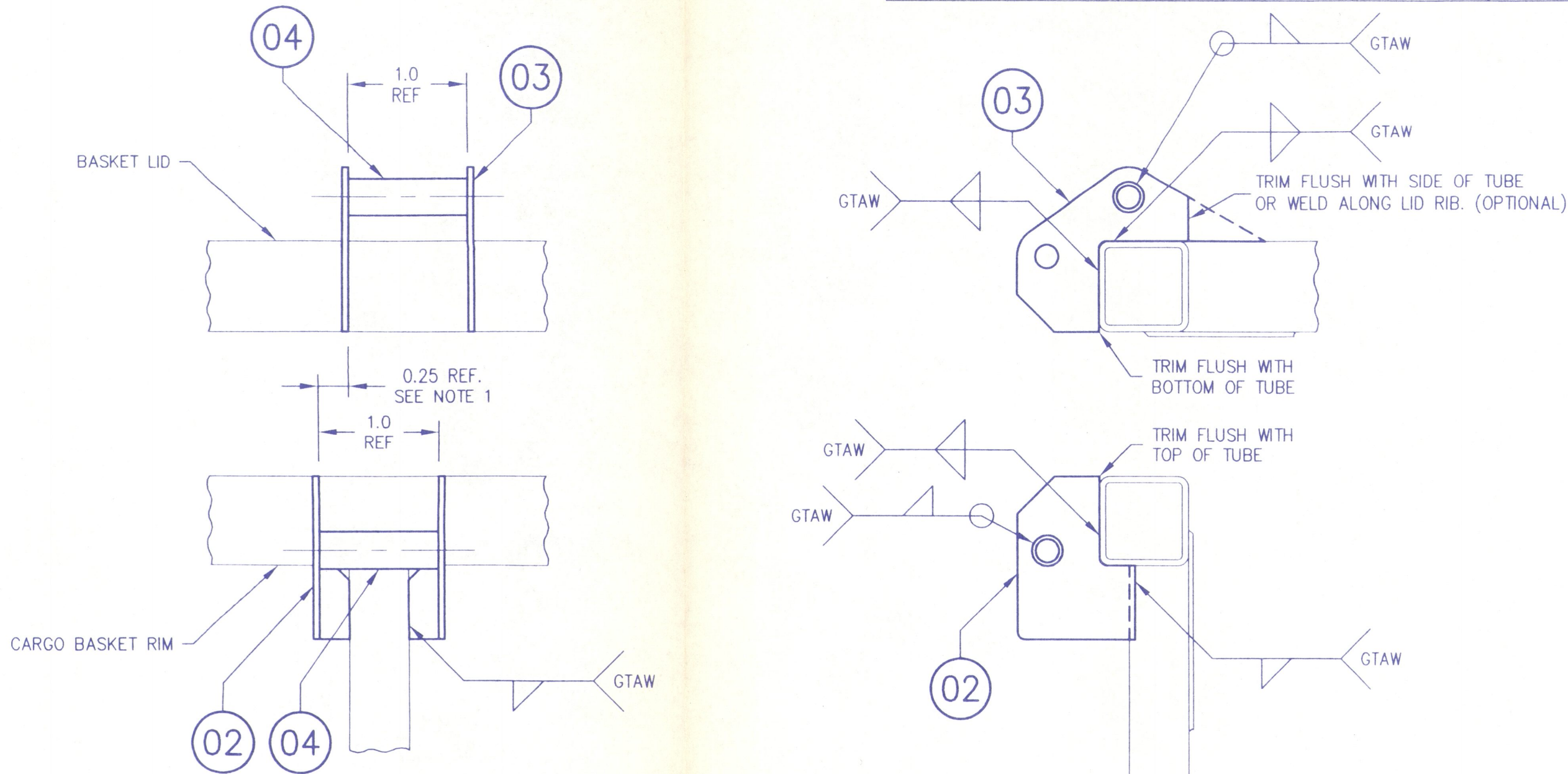
3. WELDING TO BE COMPLETED BY GTAW METHOD TO AMS2685C USING ER308L ROD.

QTY	PART NO.	ITEM	DESCRIPTION
2	36276-01	05	HOOK
2	36274-01	04	BUSHING
2	36271-01	03	LEVER
1	36277-01	02	HANDLE BAR
1	36261-01	01	HANDLE BAR ASSY

LIST OF MATERIALS

APPROVALS	DATE	AERO DESIGN LTD.			
DRAWN: STEVEN FAHEY	MAR 17/03	CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M			
CHECKED: E. BURGAIN	MAY 01/03	2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7			
		tel: (403) 250-8027 fax: (403) 250-8333 aerodesign@telusplanet.net			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:		HELICOPTER CARGO BASKET HANDLE BAR ASSEMBLY			
DECIMALS	ANGLES	SCALE 1 : 1	DWG. SIZE	DWG. NO.	REV.
x.xxx ±0.010	±1/2°	SHEET 1 OF 1	A3	36261	1
x.xx ±0.03					
x.x ±0.1					

THIS DRAWING CONTAINS INFORMATION AND DATA WHICH IS PROPRIETARY TO AERO DESIGN LTD. THIS DRAWING, OR ANY PORTION THEREOF, MAY NOT BE REPRODUCED, COPIED, OR DUPLICATED IN ANY MANNER, NOR USED FOR MANUFACTURING WITHOUT THE WRITTEN CONSENT OF AERO DESIGN LTD. BY ACCEPTING THIS DRAWING FOR REFERENCE, THE RECIPIENT AGREES TO HOLD AERO DESIGN LTD. HARMLESS FROM THE USE, OR MISUSE, OF THIS DRAWING OR THE INFORMATION CONTAINED THEREON.			
REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE - CREATED FROM 36210	STF	MAR 17/03
1	CHANGED BUSHINGS	STF	JUN 03/04



01 HANDLE BRACKET ASSEMBLY

NOTES:

1. ADJUST ON ASSEMBLY AS REQUIRED TO FIT HANDLE.

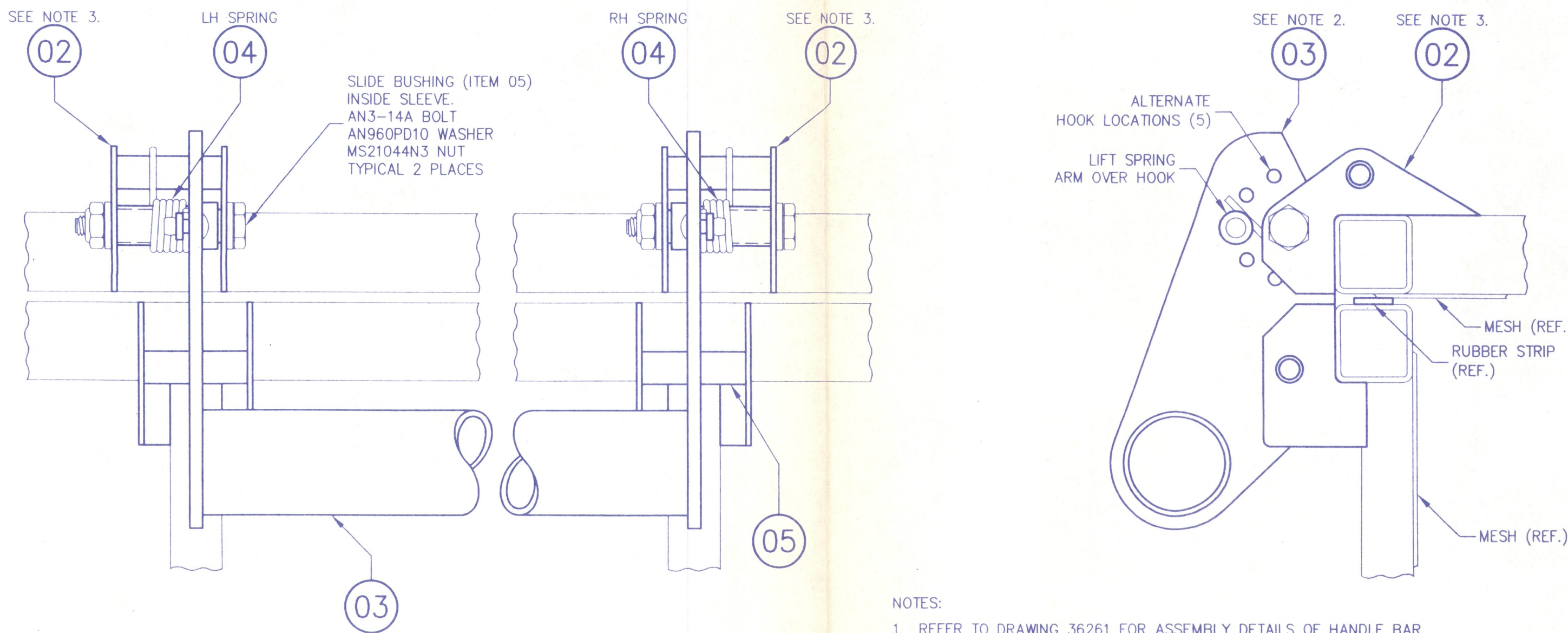
2. REMOVE ALL BURRS AND SHARP EDGES.

3. WELDING TO BE COMPLETED BY GTAW METHOD TO AMS2685C USING ROD CONFORMING TO AMS 6457A.

QTY	PART NO.	ITEM	DESCRIPTION
4	36275-02	04	SUPPORT
4	36273-01	03	LID BRACKET
4	36272-01	02	BASKET BRACKET
1	36262-01	01	HANDLE BRACKET ASSY

APPROVALS	DATE	AERO DESIGN LTD.			
DRAWN: STEVEN FAHEY	MAR 17/03	CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M			
CHECKED: E. BURGAIN	MAY 01/03	2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7			
		tel: (403) 250-8027 fax: (403) 250-8333 aerodesign@telusplanet.net			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:		HELICOPTER CARGO BASKET HANDLE BRACKET ASSEMBLY			
DECIMALS	ANGLES	SCALE 1 : 1	DWG. SIZE	DWG. NO.	REV.
x.xxx ±0.010	±1/2°	SHEET 1 OF 1	A3	36262	1
x.xx ±0.03					
x.x ±0.1					

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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE - CREATED FROM 36210	STF	MAR 17/03
1	CHANGED BUSHINGS	STF	JUN 03/04



01 HANDLE INSTALLATION

NOTES:

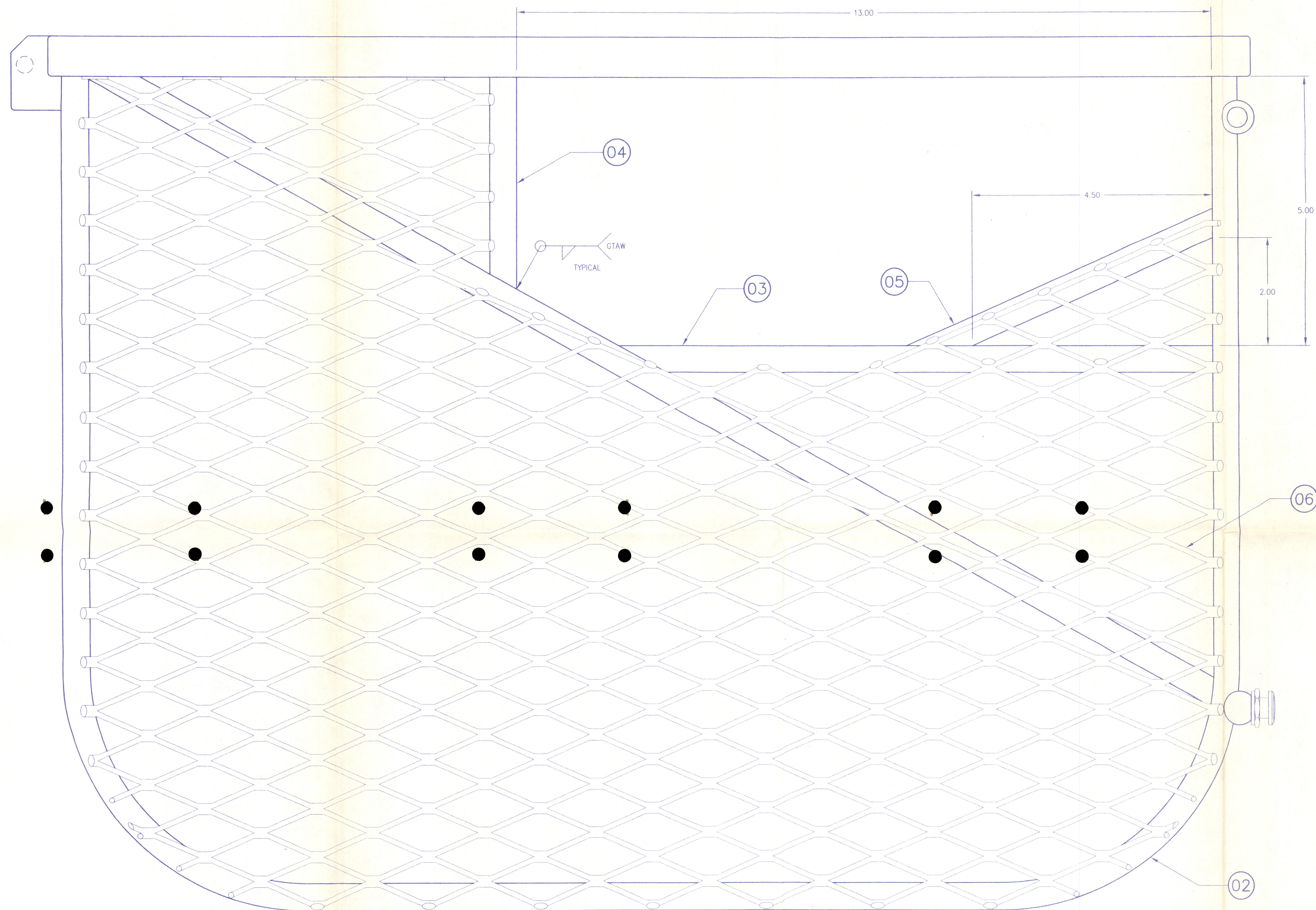
1. REFER TO DRAWING 36261 FOR ASSEMBLY DETAILS OF HANDLE BAR.

2. REFER TO DRAWING 36262 FOR LOCATION OF BRACKETS.

QTY	PART NO.	ITEM	DESCRIPTION	MATERIAL
6	AN3-14A		BOLT	
12	AN960PD10		WASHER	
6	MS21044N3		NUT	
2	36275-01	05	BUSHING	
2	36278-01	04	SPRING (1 LH, 1 RH)	
1	36261-01	03	HANDLE BAR ASSEMBLY	
2	36262-01	02	HANDLE BRACKET ASSEMBLY	
2	36255-01	01	HANDLE INSTALLATION	

APPROVALS	DATE	AERO DESIGN LTD.			
DRAWN: STEVEN FAHEY	MAR 17/03	CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M			
CHECKED: E. BURGAIN	MAY 01/03	2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7			
		tel: (403) 250-8027 fax: (403) 250-8333 aerodesign@telusplanet.net			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:		HELICOPTER CARGO BASKET HANDLE BAR INSTALLATION			
DECIMALS	ANGLES	SCALE 1 : 1	DWG. SIZE	DWG. NO.	REV.
x.xxx ±0.010	±1/2°	SHEET 1 OF 1	A3	36255	1
x.xx ±0.03					
x.x ±0.1					





01 BASKET BODY ASSEMBLY

NOTES

1. THIS DRAWING IS AN OPTIONAL CONFIGURATION FOR THE FORWARD END ONLY. REMAINDER OF BASKET IS TO BE IN ACCORDANCE WITH DRAWING 69811.
2. REMOVE ALL BURRS AND BREAK SHARP EDGES
3. WELDING OF 4130 STEEL TO BE COMPLETED BY GTAW METHOD TO AMS 2685C. WELDING ROD SHALL CONFORM TO ER70S-2 OR EQUIVALENT.
4. WHEN ASSEMBLY IS COMPLETE, FILL ALL VENT HOLES WITH ROSETTE WELD.
5. THOROUGHLY CLEAN AND POWDER COAT BASKET SUB-ASSEMBLIES SKY WHITE PRIOR TO ASSEMBLY.

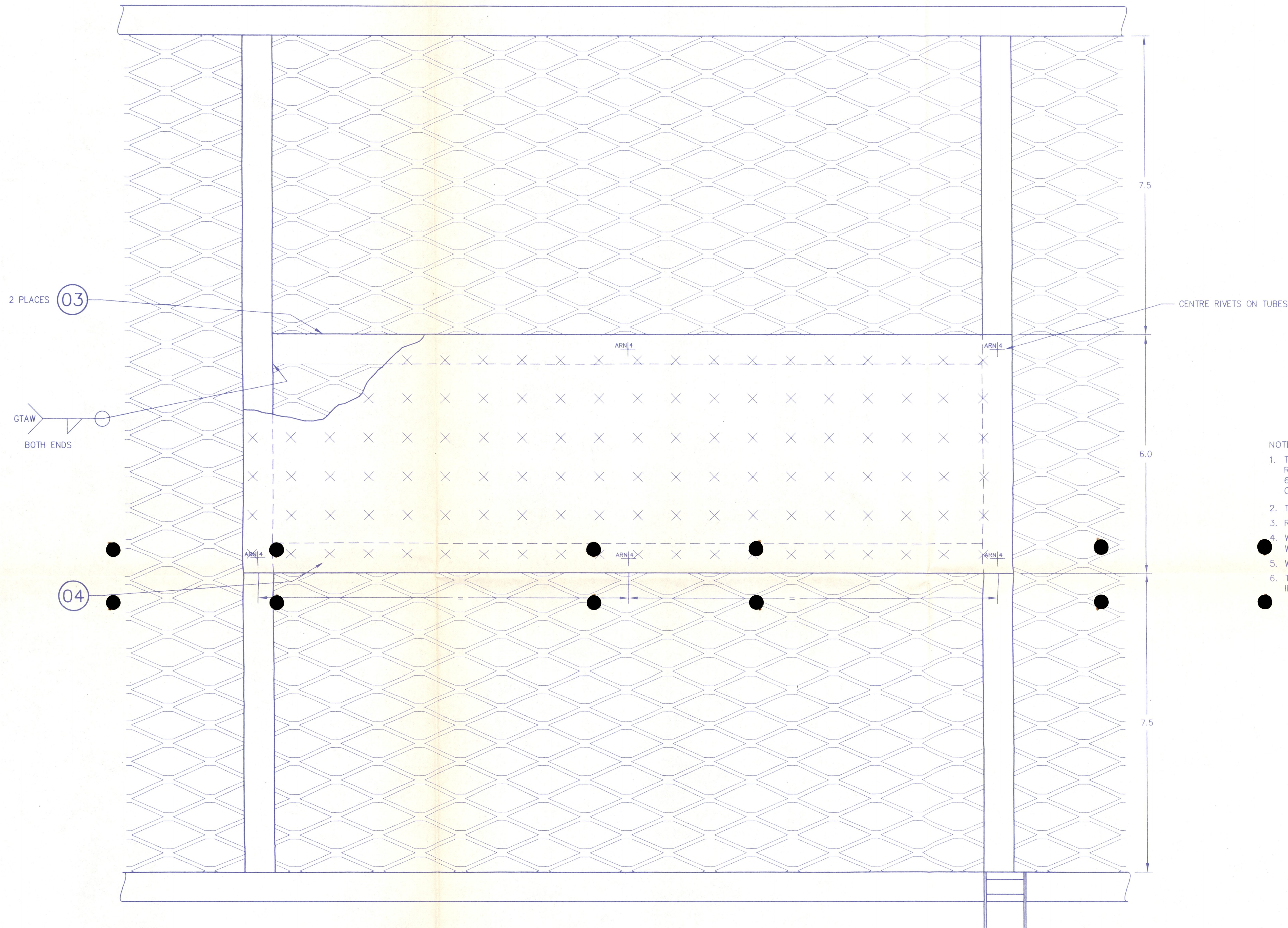
QTY	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE
1	3/4-16F	06	MESH	MILD STEEL	COMMERCIAL	
1	70404-05	05	TUBE	4130 STEEL COND. N	MIL-T-6736	0.5 X 0.035 WALL TUBE
1	70404-04	04	TUBE	4130 STEEL COND. N	MIL-T-6736	0.5 X 0.035 WALL TUBE
1	70404-03	03	TUBE	4130 STEEL COND. N	MIL-T-6736	0.5 X 0.035 WALL TUBE
1	69811-01	02	BASKET BODY ASSEMBLY			
1	70404-01	01	BASKET BODY ASSEMBLY - MODIFIED FORWARD END			
01	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE
QTY						

APPROVALS		DATE	AERO DESIGN LTD. CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M 2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7 tel: (403) 250-8027      fax: (403) 250-8333      info@aerodesign.ca			
DRAWN: JEFF CLARKE		06 SEPT 2006				
CHECKED: E. BURGAIN						
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS      ANGLES X.XXX ±0.010      ±1/2° X.XX ±0.03 X.X ±0.1			BELL 206L AND 407 QUICK RELEASE CARGO BASKET OPEN FORWARD END MODIFICATION			
SCALE 1 : 1		DWG. SIZE	DWG. NO.	REV.		
SHEET 1 OF 1		A1	70404	0		



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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	*	*	*






NOTES:

1. THIS DRAWING IS AN OPTIONAL CONFIGURATION ADDING A TREAD PLATE STEP TO THE LID. REMAINDER OF LID ASSEMBLY IS TO BE IN ACCORDANCE WITH DRAWING 49207, 60631, OR 69812 AS APPLICABLE. THIS CONFIGURATION MAY BE APPLIED TO ANY OR ALL BAYS OF THE LID.
2. TUBES (ITEM 03) MUST BE WELDED IN PLACE BEFORE MESH IS WELDED ON BOTTOM.
3. REMOVE ALL BURRS AND BREAK SHARP EDGES
4. WELDING OF 4130 STEEL TO BE COMPLETED BY GTAW METHOD TO AMS 2685C. WELDING ROD SHALL CONFORM TO ER70S-2 OR EQUIVALENT.
5. WHEN ASSEMBLY IS COMPLETE, FILL ALL VENT HOLES WITH ROSETTE WELD.
6. THOROUGHLY CLEAN AND POWDER COAT BASKET SUB-ASSEMBLIES PRIOR TO ASSEMBLY. INSTALL TREAD PLATE AFTER POWDER COATING.

(01) BASKET LID ASSEMBLY

A/R	CR3213-4-02	BLIND RIVET			
1	70405-04	04	TREAD PLATE	ALUMINUM	COMMERCIAL
2	70405-03	03	TUBE	4130 STEEL COND. N	MIL-T-6736
1	69812-01	02	BASKET LID ASSEMBLY (ALTERNATE)		
1	60632-01	02	BASKET LID ASSEMBLY (ALTERNATE)		
1	49207-01	02	BASKET LID ASSEMBLY		
	70405-01	01	BASKET LID ASSEMBLY - MODIFIED WITH STEP		
QTY	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC
					STOCK SIZE

LIST OF MATERIALS

BASIC CODE REF. NAS 523		DASH NO. FOR DIAMETER N=MFD. HEAD NEAR SIDE F=MFD. HEAD FAR SIDE		APPROVALS DRAWN: JEFF CLARKE CHECKED: E. BURGAIN		DATE 21 SEPT 2006		AERO DESIGN LTD. CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M 2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7 tel: (403) 250-8027 fax: (403) 250-8333 info@aerodesign.ca							
C=COUNTERSUNK D=DIMPLE DIGIT=# OF SHEETS TO BE DIMPLED		DASH NO. FOR LENGTH		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS X.XXX ±0.010 X.XX ±0.03 X.X ±0.1		ANGLES ±1/2°		BELL 206L SERIES AND 407 CARGO BASKET LID STEP MODIFICATION							
BASIC CODES: BJ=MS20470AD BB=MS20426AD ARN=CR3213 ARM=CR3212		+  INSTALL NEW RIVET +  REMOVE/REPLACE RIVET -  EXISTING RIVET						SCALE 1 : 1.5		DWG. SIZE A1		DWG. NO. 70405		REV. 0	
								SHEET 1 OF 1							